

Title (en)
MECHANICAL BROOM.

Title (de)
BODENKEHRMASCHINE.

Title (fr)
BALAI MECANIQUE.

Publication
EP 0069131 A1 19830112 (DE)

Application
EP 82900220 A 19820107

Priority
DE 3100496 A 19810109

Abstract (en)
[origin: WO8202329A1] Mechanical broom comprising a casing inside which is arranged between two dirt collecting spaces a rotating cylindrical brush driven by wheels. The two dirt collecting spaces are formed by containers which are detachable from the top of the casing and each container has a locking spring device securing it in its working position. The locking device may be released manually. To facilitate the use and particularly the removal and emptying of the two dirt collecting containers (24, 25) connected together and having a common upper portion (24), there is provided in the middle of this common portion a moving part (35) having a limited motion, seizable by the user, and which by upward motion, it releases the locking spring device (36).

Abstract (fr)
Balai mecanique se composant d'un boitier a l'interieur duquel est agencee entre deux espaces de recolte de la salete, une brosse cylindrique tournante entrainee par des roues. Les deux espaces de recolte de la salete sont formes par des recipients detachables du haut du boitier et chaque recipient presente un dispositif de verrouillage a ressort l'assurant dans sa position de service. Le dispositif de verrouillage peut etre libere a la main. Pour faciliter l'emploi et en particulier le retrait et la vidange des deux recipients de recolte de la salete (24, 25) lies ensembles et presentant une partie superieure (24) commune il est prevu au milieu environ de cette partie commune une piece mobile (35) limitee dans son mouvement, saisissable par l'utilisateur, et qui par son mouvement vers le haut libere le dispositif de verrouillage a ressort (36).

IPC 1-7
A47L 11/33

IPC 8 full level
A47L 11/22 (2006.01); **A47L 11/33** (2006.01)

CPC (source: EP US)
A47L 11/33 (2013.01 - EP US); **A47L 11/40** (2013.01 - EP US); **A47L 11/4013** (2013.01 - EP US); **A47L 11/4025** (2013.01 - EP US); **A47L 11/4041** (2013.01 - EP US); **A47L 11/4072** (2013.01 - EP US)

Designated contracting state (EPC)
AT BE CH FR GB IT LI LU NL SE

DOCDB simple family (publication)
EP 0056253 A2 19820721; **EP 0056253 A3 19820825**; AU 561164 B2 19870430; AU 8001882 A 19820802; DE 3100496 A1 19820826; DE 3100496 C2 19901213; EP 0069131 A1 19830112; EP 0069131 B1 19850731; JP H0369527 B2 19911101; JP S57502043 A 19821118; US 4484371 A 19841127; WO 8202329 A1 19820722

DOCDB simple family (application)
EP 82100084 A 19820108; AU 8001882 A 19820107; DE 3100496 A 19810109; DE 8200003 W 19820107; EP 82900220 A 19820107; JP 50028182 A 19820107; US 42297482 A 19820908